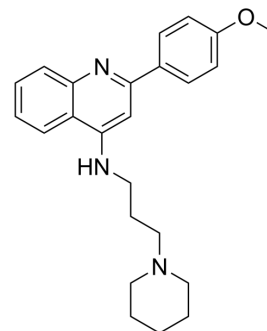


ML 400

Cat. No.:	HY-111488
CAS No.:	1908414-42-5
Molecular Formula:	C ₂₄ H ₂₉ N ₃ O
Molecular Weight:	375.51
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ML 400 is a potent and selective LMPTP inhibitor with an IC ₅₀ value of 1680 nM. ML 400 inhibits adipogenesis ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1680 nM (LMPTP) ^[1]
In Vitro	ML 400 (10 μM; 2 days) prevents adipogenesis in 3T3-L1 Cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ardecky RJ, et al. Allosteric Small Molecule Inhibitors of LMPTP. 2014 Apr 15 [updated 2015 Jan 16]. In: Probe Reports from the NIH Molecular Libraries Program [Internet]. Bethesda (MD): National Center for Biotechnology Information (US); 2010-.

Caution: Product has not been fully validated for medical applications. For research use only.

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